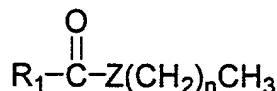


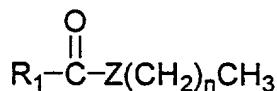
Phase Change Ink Formulations, Colorant Formulations, And Methods Of  
Forming Colorants

ABSTRACT

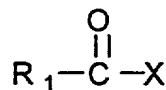
5 The invention encompasses a compound having the formula:



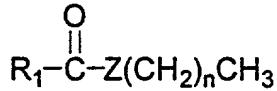
wherein R<sub>1</sub>, Z and the carbonyl can be comprised by a common ring, wherein  
R<sub>1</sub> comprises a chromophore that absorbs light from the visible wavelength  
range, and wherein n is an integer that is at least 12. The invention also  
10 encompasses a solid phase change ink composition. Such composition includes  
a phase change ink carrier and a colorant. The colorant comprises a  
chromophore that absorbs light from the visible wavelength range, and has the  
formula:



15 wherein R<sub>1</sub>, Z and the carbonyl can be comprised by a common ring, wherein  
n is an integer that is at least 12. Additionally, the invention encompasses a  
method of forming a colorant. A first compound having the formula,



is reacted with a second compound having the formula Z(CH<sub>2</sub>)<sub>n</sub>CH<sub>3</sub>, wherein n  
20 is an integer that is at least 12, to form a third compound having the formula,



wherein the third compound comprises a chromophore that absorbs light from  
the visible wavelength range.